

STUDIES IN THE EUPATORIEAE (ASTERACEAE). CXCVIII.

REDUCTION OF THE GENUS *KANIMIA*.

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The genus *Kanimia* was established by Gardner (1847) for two Brazilian species in the relationship of *Mikania* which had erect habits, a double pappus, and 10 ribs on the achene. The pappus character was emphasized by Gardner, and the ribbing of the achene was not mentioned. The erect habit, though differing from that of typical *Mikania*, was not considered distinctive since erect species of the latter genus were known. More recently, the genus *Kanimia* has been maintained on the basis of the achene character, and scandent Andean species have been included. The genus has been viewed with increasing suspicion as all the basic characters have proven subject to parallelism. We see no benefit in keeping the unnatural and undefinable *Kanimia* separate from the natural and definable *Mikania*.

The present paper provides new combinations that are needed for various Brazilian species. The lectotype species of the genus, *K. strobilifera* Gardn., needs no combination since it is the same as *Mikania oblongifolia* DC. The scandent Andean species await more detailed studies of their specific limits.

MIKANIA BAKERI R.M.King & H.Robinson, nom. nov. *Kanimia gracilis* Baker in Martius, Fl. Bras. 6 (2): 371. 1876, non *Mikania gracilis* Sch.Bip. ex Baker.

MIKANIA GOYAZENSIS (B.L.Robins.) R.M.King & H.Robinson, comb. nov. *Kanimia goyazensis* B.L.Robins., Contr. Gray Herb. n.s. 75: 14. 1925.

MIKANIA NITIDA (DC.) R.M.King & H.Robinson, comb. nov. *Eupatorium nitidum* DC., Prodr. 5: 180. 1836. *Mikania erithalina* DC., Prodr. 5: 193. 1836. The priority of the name was established by Baker (1876).

MIKANIA PALUSTRIS (Gardn.) R.M.King & H.Robinson, comb. nov. *Kanimia palustris* Gardn., Lond. Jour. Bot. 6: 447. 1847.

MIKANIA POHLII (Baker) R.M.King & H.Robinson, comb. nov. *Kanimia pohlii* Baker in Martius, Fl. Bras. 6 (2): 370. 1876.

MIKANIA PURPURASCENS (Baker) R.M.King & H.Robinson, comb. nov. *Kanimia purpurascens* Baker in Martius, Fl. Bras. 6 (2): 371.

1876.

Literature Cited

Baker, J. G. 1876. Compositae II. Eupatoriaceae in Martius, Flora Brasiliensis. 6 (2): 181-374.

Gardner, G. 1847. Contributions towards a flora of Brazil, being the characters of several new species of Compositae, belonging to the tribes Vernoniaceae and Eupatoriaceae, from the Province of Goyaz. Lond. Jour. Bot. 6L 417-463.